Listing of Claims:

and

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Original) A method for manufacturing a mask for integrated circuit devices, the method comprising:

providing a quartz substrate having a surface, the quartz substrate comprising a thickness;

forming a MoSi film overlying the surface of the quartz substrate; patterning the MoSi film overlying the quartz substrate to form a mask pattern;

forming an opaque edge structure comprising a carbon bearing material on a portion of the surface around a peripheral region of the mask pattern; whereupon the opaque edge structure has a light transmittance ranging from about 0% to about 3%.

- 2. (Original) The method of claim 1 wherein the forming of the opaque edge structure is provided by laser deposition.
- 3. (Original) The method of claim 1 wherein the forming of the opaque edge structure is provided by focused ion beam.
- 4. (Original) The method of claim 1 wherein the opaque edge structure occupies a region on the quartz substrate that is free from the mask pattern.
- 5. (Original) The method of claim 1 wherein the mask pattern is for a half tone phase shift mask.
- 6. (Original) The method of claim 1 further comprising cleaning the patterned MoSi film and opaque edge structure.
- 7. (Original) The method of claim 1 wherein the carbon is in a C12, C13, C14 state.

- 8. (Original) The method of claim 1 wherein the patterning of the MoSi film is a photolithography process.
- 9. (Original) The method of claim 8 wherein the patterning is the only photolithography process used by the method.
- 10. (Original) The method of claim 1 wherein the mask pattern is free from a chrome film.
- 11. (Original) A method for processing integrated circuit devices, the method comprising:

providing a mask structure, the mask structure comprising a quartz substrate having a surface, a patterned MoSi film overlying the surface of the quartz substrate to form a mask pattern, and an opaque edge structure comprising a carbon bearing material on a portion of the surface around a peripheral region of the mask pattern; and

using the mask structure for applying a pattern onto a photosensitive material overlying a semiconductor substrate.

- 12. (Original) The method of claim 11 wherein the mask structure is a mask.
- 13. (Original) The method of claim 11 wherein the carbon bearing material is in a C12, C13, C14 state.
- 14. (Original) The method of claim 11 wherein the forming of the opaque edge structure is provided by laser deposition.
- 15. (Original) The method of claim 11 wherein the forming of the opaque edge structure is provided by focused ion beam.
- 16. (Original) The method of claim 11 wherein the opaque edge structure occupies a region on the quartz substrate that is free from the mask pattern.

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17. (Original) The method of claim 11 wherein the mask pattern is for a half tone phase shift mask.

18. (Original) The method of claim 11 further comprising cleaning the patterned MoSi film and opaque edge structure.

19-20. (Canceled)